

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

OWW LLC

3001 Tuxedo Avenue West Palm Beach, FL 33405

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Mahogany Tilt/Turn" Double Out-Swing & Single In-Swing Wood Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **06-07013-C**, titled "Casement Windows Inswing & Outswing", sheets 1C through 11C of 11, dated 07/10/06, with revision #2 dated 10/18/12, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 07-0504.01 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

W/10/29/12

NOA No. 12-0816.03 Expiration Date: August 23, 2017 Approval Date: October 25, 2012 Page 1

OWW LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **06-07013-C**, titled "Series Casement Windows Inswing & Outswing L.M.I.", sheets 1C through 11C of 11, dated 07/10/06, with revision #2 dated 10/18/12, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-1645W-2**, dated 04/23/07, signed and sealed by Ramesh Patel, P.E.

(Submitted under previous NOA# 07-0504.01)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-1645W-3**, dated 04/23/07, signed and sealed by Ramesh Patel, P.E.

(Submitted under previous NOA# 07-0504.01)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by SECO Sinclair Engineering Company, dated April 11, 2007 with revision dated July 04, 2007, signed and sealed by Steve M. Sinclair, P.E. (Submitted under previous NOA# 07-0504.01)
- 2. Glazing complies with ASTM E1300-04

D. OUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez, P.E. Product Control Examiner NOA No. 12-0816.03

Expiration Date: August 23, 2017 Approval Date: October 25, 2012

OWW LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11–1102.11 issued to Solutia, Inc. for their "Saflex Clear and Color Glass Interlayers" dated 06/14/12, expiring on 05/21/16
- 2. Notice of Acceptance No. 11–1102.09 issued to Solutia, Inc. for their "Saflex CP Saflex and Saflex HP Composites Glass Interlayers with PET Core" dated 06/14/12, expiring on 12/11/13.

F. STATEMENTS

- 1. Statement letter of compliance, complying with the FBC 2010, dated June 15, 2012, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E.
- 2. Statement letter of no-financial interest, dated August 02, 2007, prepared by SECO Sinclair Engineering Company, signed and sealed by Steve M. Sinclair, P.E. (Submitted under previous NOA# 07-0504.01)

G. OTHER

1. Notice of Acceptance No. **07-0504.01**, issued to O.W.W., LLC, for their Series "Mahogany Tilt/Turn" Double Out-Swing & Single In-Swing Wood Casement Windows – L.M.I., approved on 08/23/07 and expiring on 08/23/12.

Manuel Perez P.E.
Product Control Examiner
NOA No. 12-0816.03

Expiration Date: August 23, 2017 Approval Date: October 25, 2012 WATER PRESSURE = 12.0 PSF

THESE WINDOWS HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2010.

WINDOWS ARE IMPACT RESISTANT. HURRICANE SHUTTERS ARE NOT REQUIRED AT ANY INSTALLATION.

ALL DPENINGS (BY DTHERS) INCLUDING CONCRETE, CONCRETE BLOCK, STEEL AND ASSOCIATED BUCKING MUST BE DESIGNED BY A LICENSED ARCHITECT OR ENGINEER TO ACCEPT THE LOADS TRANSFERRED FROM THE WINDOW SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT, OR ENGINEER OF RECORD TO VERIFY THE STABILITY OF THE STRUCTURE.

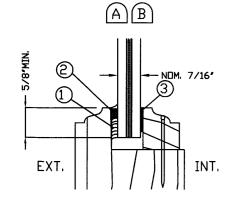
THERE SHALL BE NO LIMIT TO THE NUMBER OF UNITS PER OPENING, PROVIDED THAT ALL RESTRICTIONS PER THESE DRAWINGS ARE MET AND THE OPENING IS PROPERLY DESIGNED TO ACCEPT AND TRANSFER THE LOADS IMPOSED BY THE WINDOWS. (SEE SAMPLE CONFIGURATIONS -SHT#2

ALL ANCHORS OR FASTENERS SHALL BE SIZED AND INSTALLED PER THESE DRAWINGS

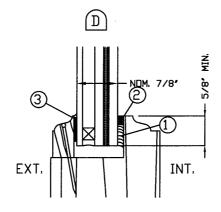
MATERIAL OF PRODUCT TESTED IS MAHDGANY, ANY WOOD OF EQUAL OR GREATER STRENGTH MAY BE SUBSTITUTED AT MANUFACTURER'S OPTION

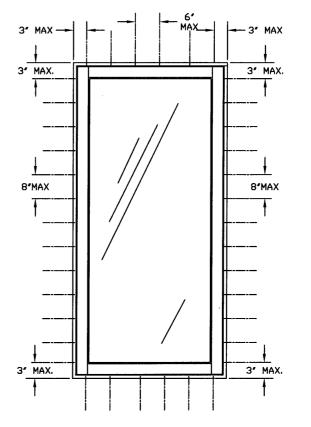
GLASS TYPES AND GLAZING MATERIAL

- 7/16" (NOM.) LAMINATED:
 3/16" AN/.075 VANCEVA INTERLAYER BY SOLUTIA / 3/16" AN
- B 7/16" (NDM.) LAMINATED: 3/16" AN/.09" SAFLEX PVB INTERLAYER BY SDLUTIA/3/16" AN
- 7/8" (NDM.) INSULATING GLASS:
 3/16" AN/.075 VAVCEVA INTERLAYER BY SDLUTIA /3/16" AN EXT. LITE
 1/4" AIR SPACE/1/8" HS INT. LITE



- ① STRUCTURAL SILICONE TREMCO SPECTRUM 2
- © FOAM GLAZING TAPE NORSEAL V992
- 3 FDAM GLAZING TAPE NDRSEAL V992





NO HARDWARE ON FIXED UNITS

TYPICAL ANCHOR SPACING

OPENING SUBSTRATE	MINIMUM FASTENER TYPE/SIZE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE
WOOD	#12 SS WOOD SCREW GRADE 5 MIN	1 1/4"	2 1/4"
BLOCK/CONCRETE	1/4" CONC. SCREW	1 1/4"	2 1/4"
STRUCTURAL STEEL	#14 TEK SCREW GRADE 5 MIN	FULL	2 1/4"

NDTES:

SPECIFIED EMBEDMENT SHALL BE BEYOND WALL FINISH OR STUCCO
STRUCTURAL STEEL TO BE 12 GA. MINIMUM
CONCRETE SCREWS TO BE TAPCON OR EQUAL

LICENSE NUMBER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0816.03
Expiration Date 12-0816.03
By Milling Code
Milling Code
Milling Code
Acceptance No 12-0816.03
Expiration Date 12-0816.03

OCT 1 8 2012 STEPHEN M. SINCLAIR, P.E. PROFESSIONAL ENGINEER

35631

STATE OF STA

8259 North Military Trail, S Palm Beach Gardens, FL 33 561-630-5488 Fax 561-633 sinclairengineeringcompa

SECOND Sinclair Engineering C

OWW LLC

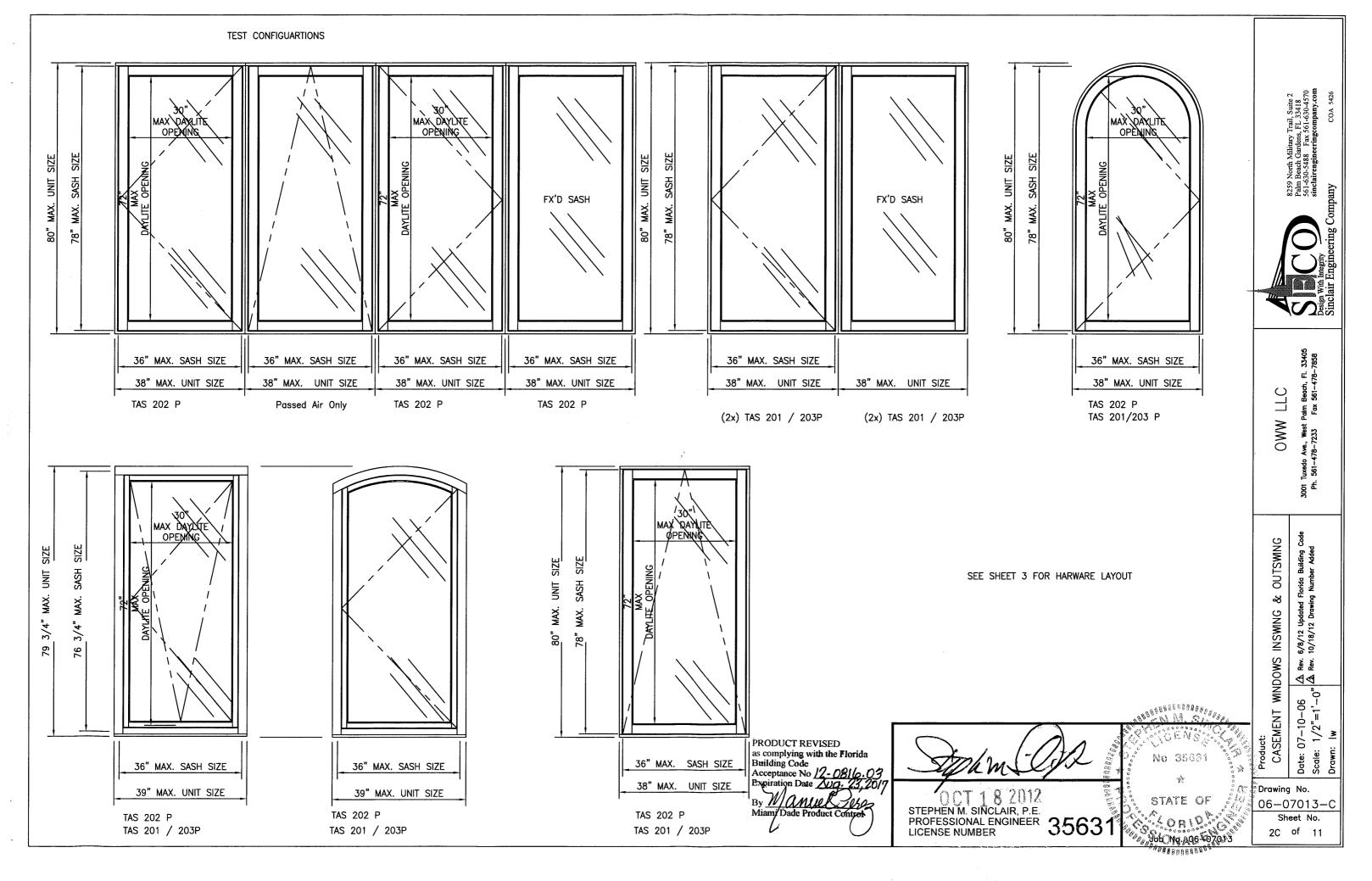
Oot Tuxedo Ave., West Polm Beach, Fl. 33
Ph. 561-478-7233 Fax 561-478-78

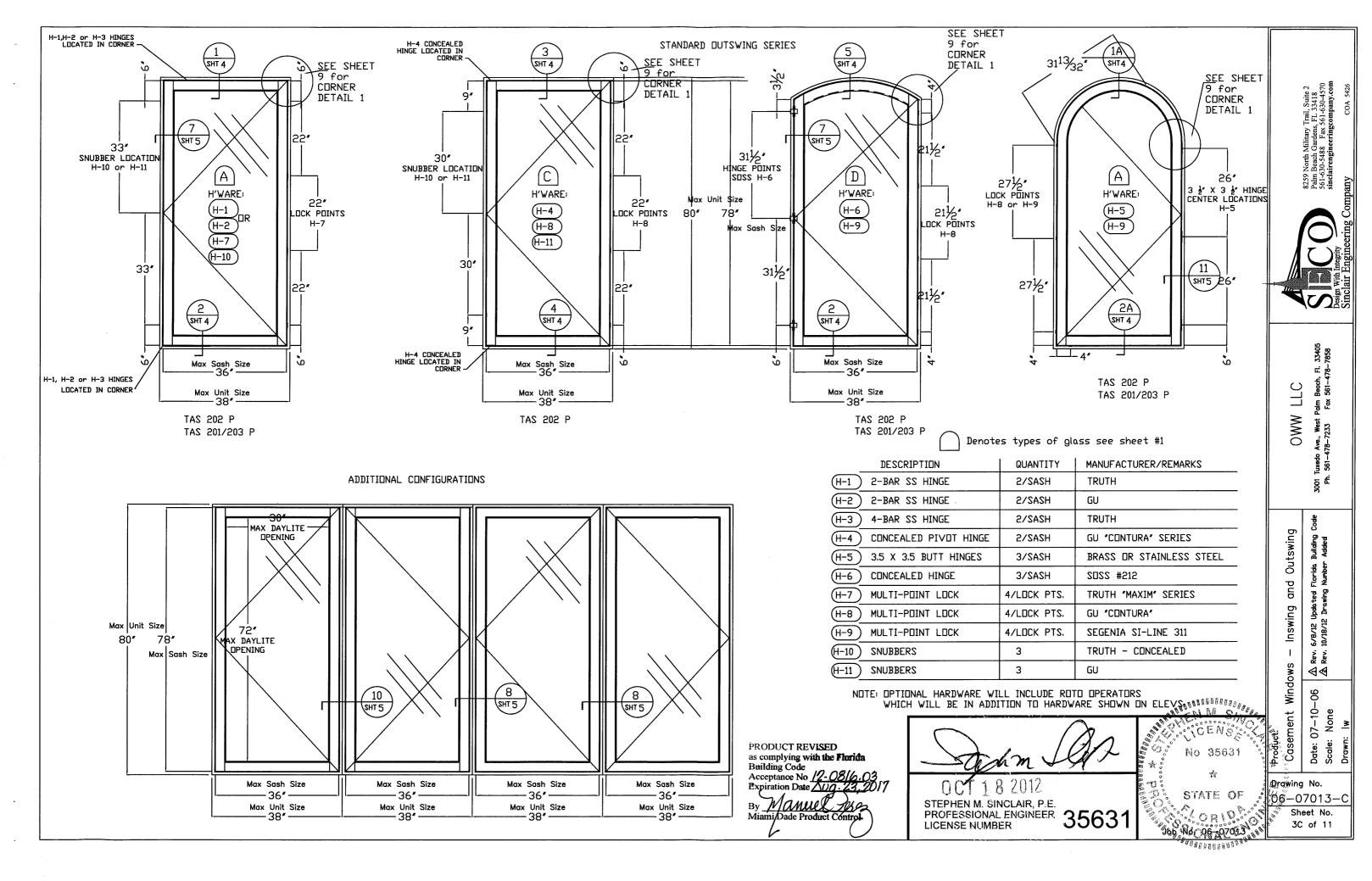
WINDOWS INSWING & OUTSWING A Rev. 6/8/12 Updated Florida Building Code & Rev. 10/18/12 Drawing Number Added

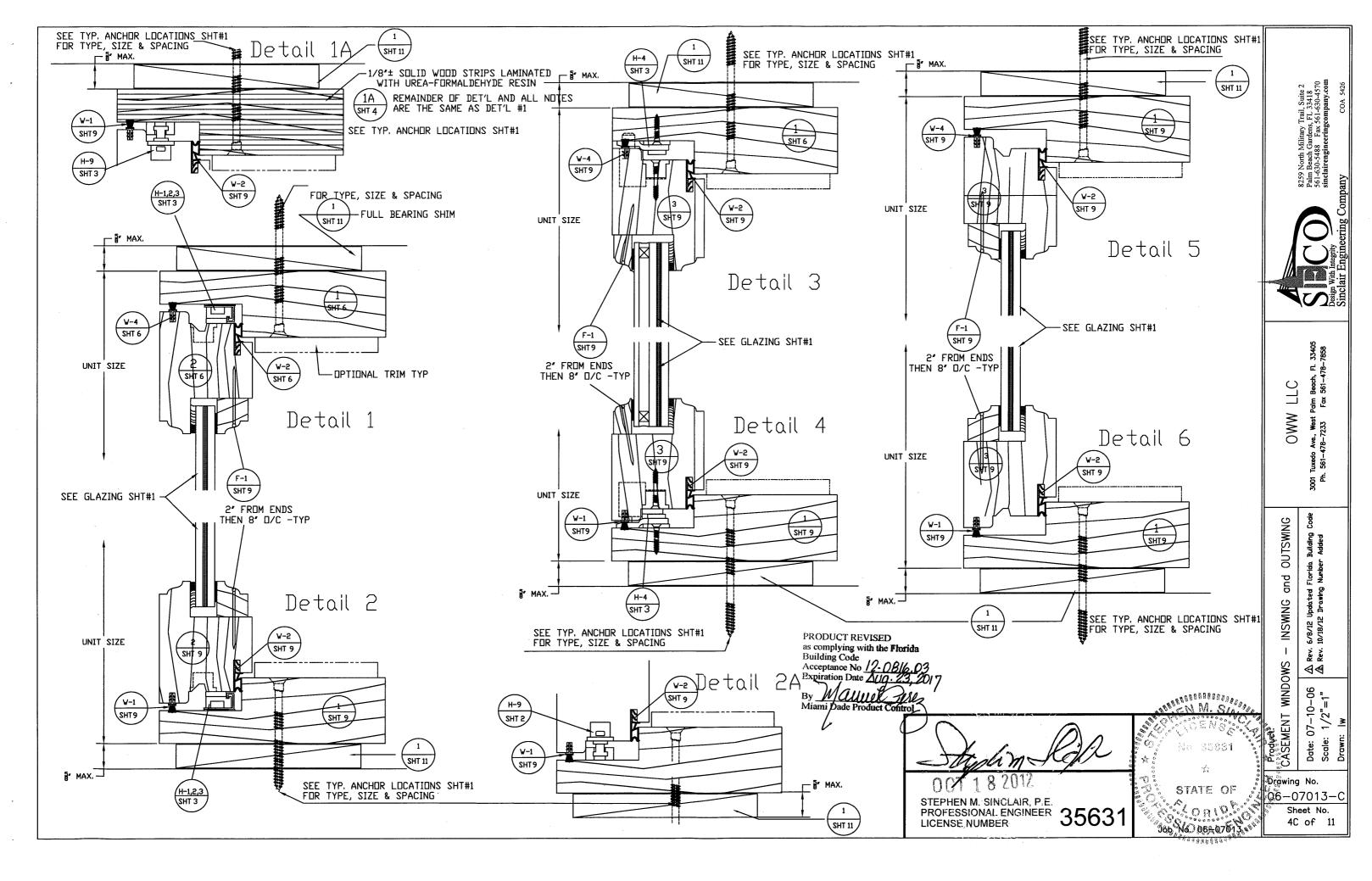
CASEMENT
Date: 07-10-06
Scale: None

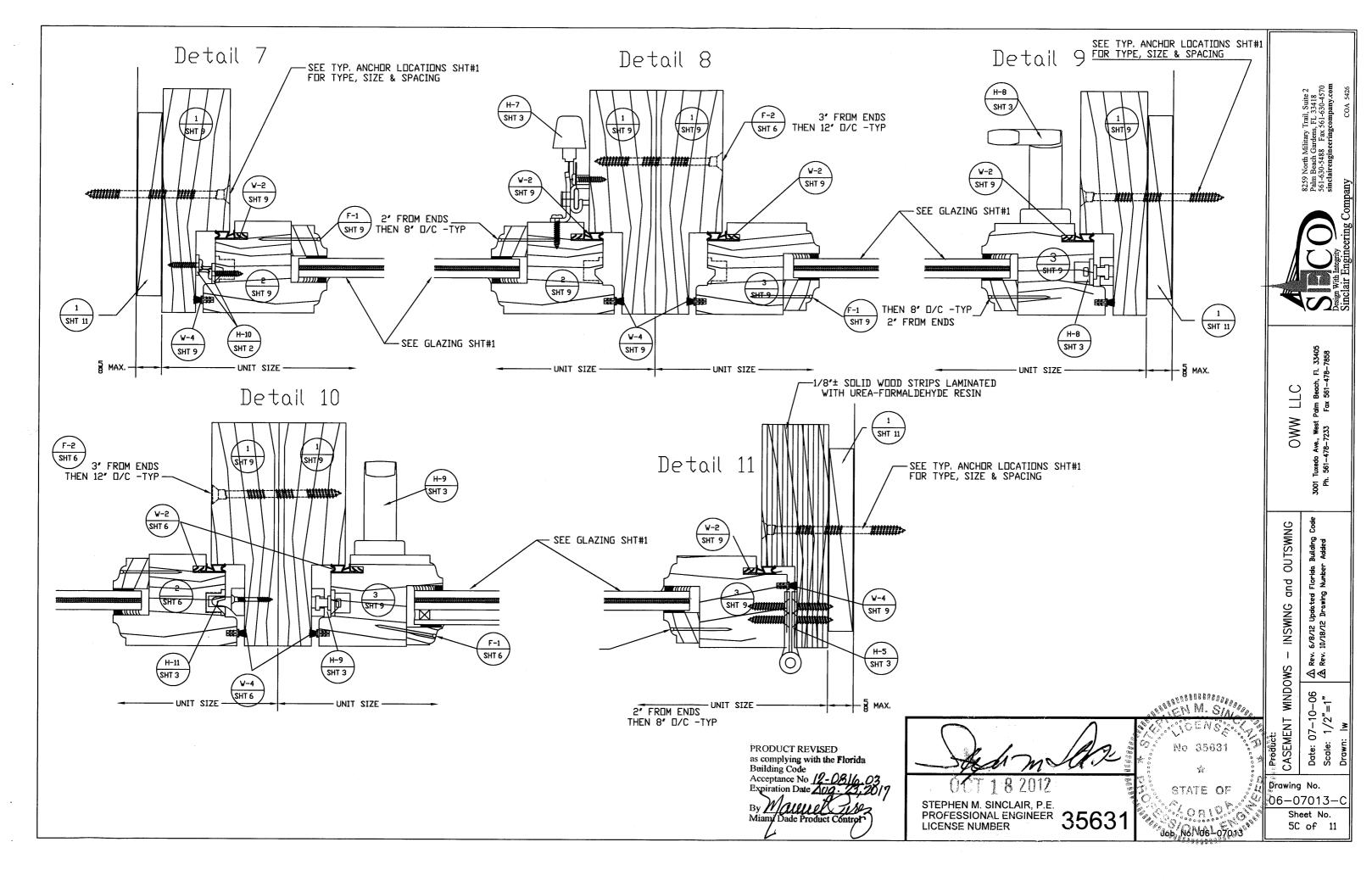
Drawing No. 06-07013-C Sheet No.

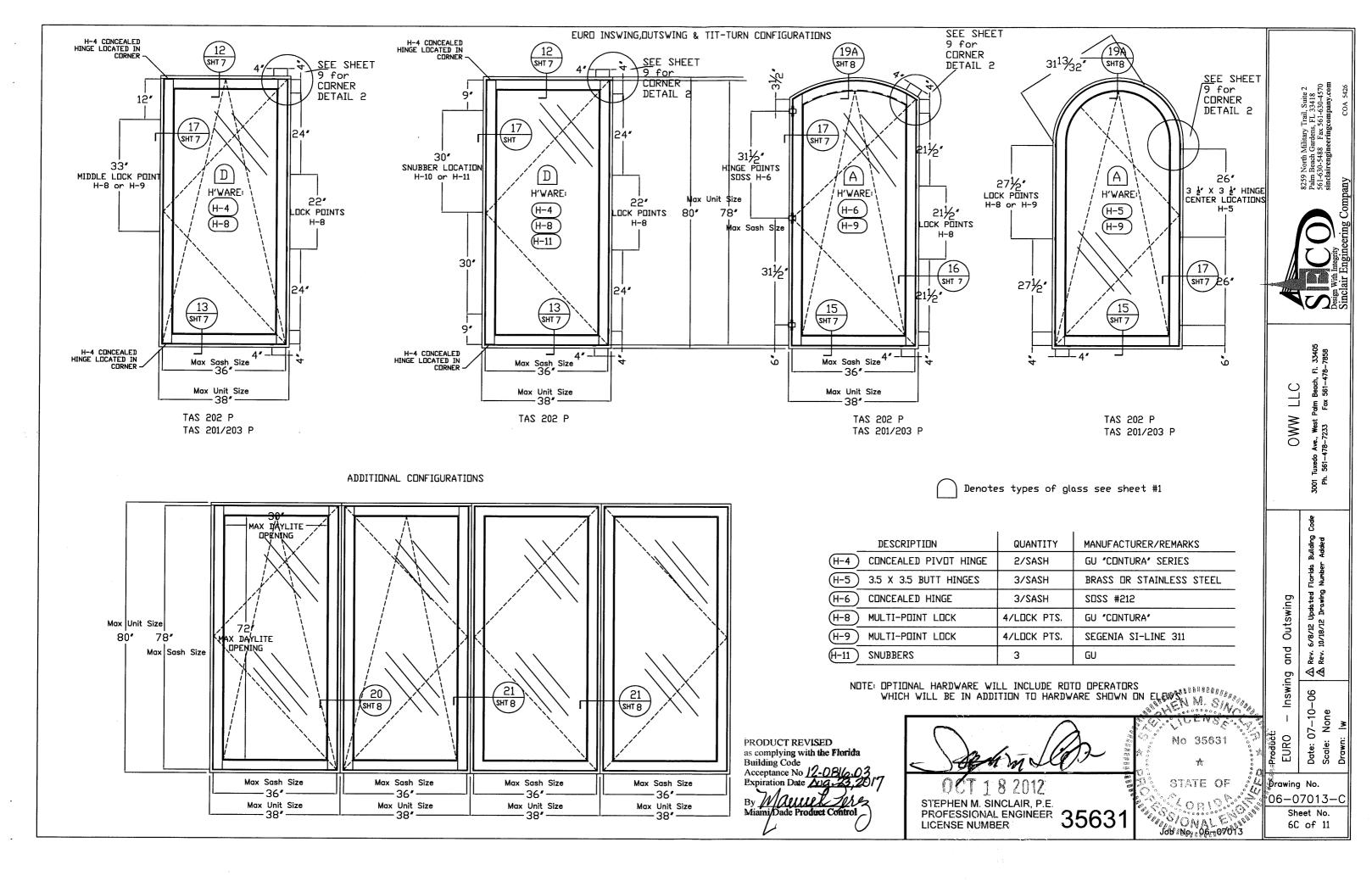
Sheet No. 1C of 11

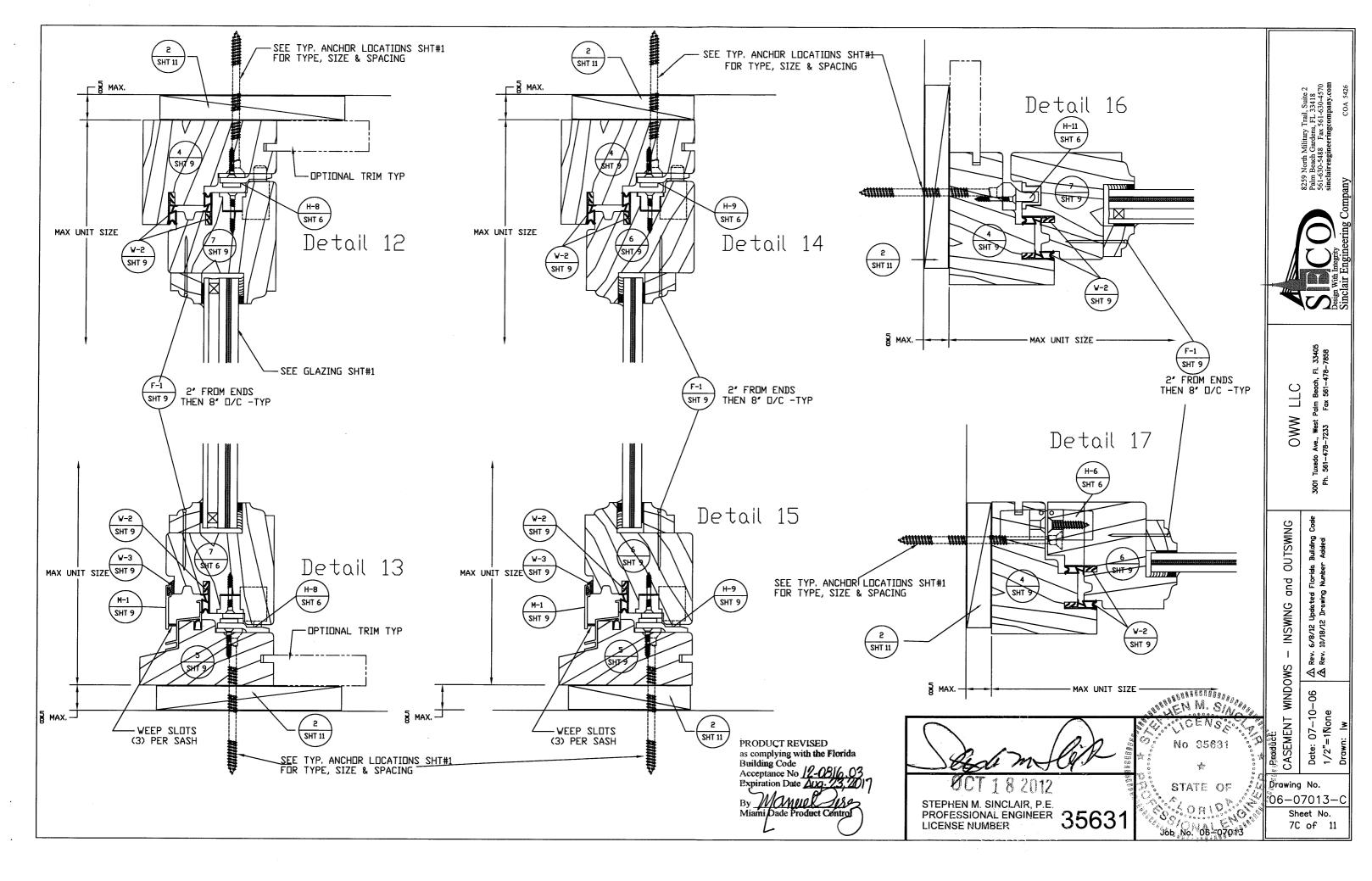


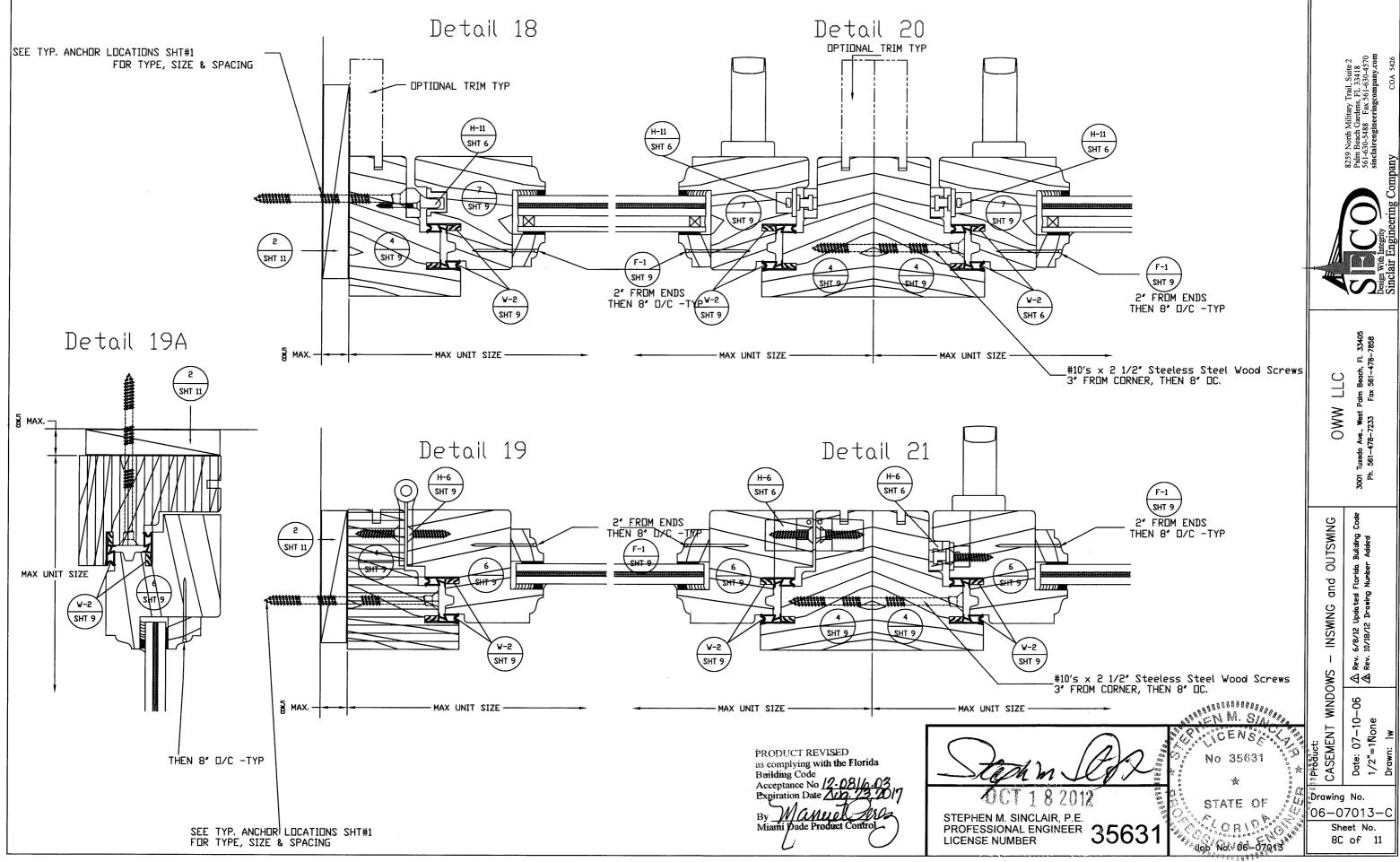




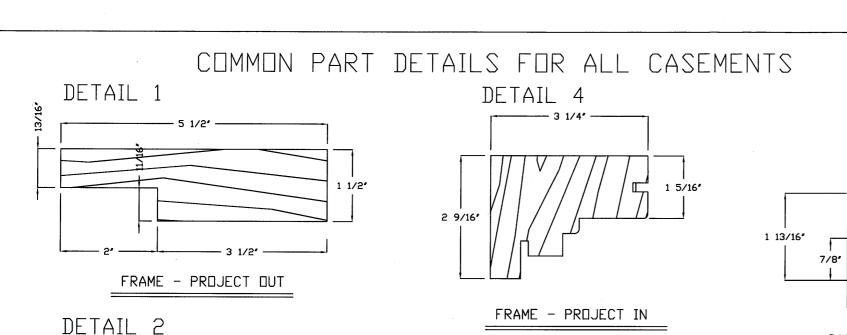


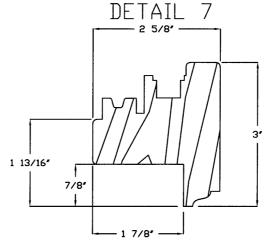












SASH - PROJECT IN (OUTSIDE GLAZING BEAD)

SASH AND BEAD PROFILES CAN BE CUSTOMIZED PER MANUFACTUER OR CUSTOMER'S OPTION. SUCH AS (BUT NOT LIMITED TO):





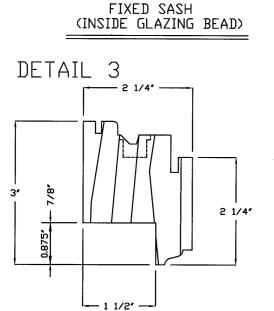




GASKETS & FASTENERS

- SEALMAX "TIMBERSEAL" BRUSH PILE W'STRIP
- GU ACF 6950 (DR EQUAL) FROM GU
- (W-3) GU 204 TPE GASKET (FUNCTIONAL FENESTRATION)
- Q-LON 320 SCHLEGEL
- EXTRUDED ALUM. DRAINAGE CHANNEL 2090 SERIES (FUNCTIONAL FENESTRATION)
- 1 1/2" X 18 GA. SS PNEUMATIC NAILS
- #10 X 2 1/2" SS FL HD. WOOD SCREWS 80 KSI
- #10 X 2" SS FL HD. WOOD SCREWS 80 KSI

DETAIL 5 - 29/32***** - 1 13/32° 1 19/32* 1 5/16* - 3 1/4" FRAME SILL - PROJECT IN

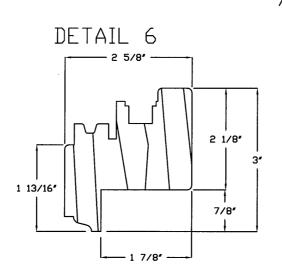


1 1/2" —

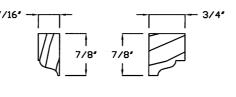
SASH - PROJECT OUT

3*

SASH - PROJECT OUT (DUTSIDE GLAZING BEAD)



SASH - PROJECT IN (INSIDE GLAZING BEAD)



GLAZING BEADS

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 12-081

STATE OF

Sheet No. 9C of 11

STEPHEN M. SINCLAIR, P.E. PROFESSIONAL ENGINEER LICENSE NUMBER 3563

OWW LLC Palm E Tuxedo Ave., West P. 561-478-7233

> and OUTSWING 6/8/12 Updated F 10/18/12 Drawing |

INSWING Rev. ⊲ଏ

Date: 07-10-06 1/2"=1None

06-07013-C

